PROGRESS REPORT

- COLUMBIA RIVER TEMPERATURE ASSESSMENT WEB PAGE

- IMPLEMENT FULL METEOROLOGY MODEL

- CONSTRUCT NATURAL RIVER GEOMETRIES AND INCORPORATE INTO ONE-DIMENSIONAL ENERGY BUDGET MODEL

- DEVELOP STRATIFIED RESERVOIR MODEL FOR LAKE ROOSEVELT

WEB PAGE

- DEVELOPMENT OF PAGE AT:

http://weber.u.washington.edu/~kwhilden/epa/html

FULL METEOROLOGY MODEL

- ENERGY BUDGETS DEVELOPED FROM METEOROLOGY DATA FOR:

  PRIMARY STATIONS:

  PENDLETON, OREGON
  SPOKANE, WASHINGTON
  YAKIMA, WASHINGTON

  SECONDARY STATIONS:

  THE DALLES, OREGON
  CONNELL, WASHINGTON
  RICHLAND, WASHINGTON
  WENATCHEE, WASHINGTON

- PRELIMINARY RESULTS – APPENDIX A

NATURAL RIVER GEOMETRIES

- NOAA CHARTS, CRTES (1968) AND WALLA WALLA DISTRICT HEC-2 DATA USED TO DESCRIBE NATURAL RIVER GEOMETRY

- GEOMETRY AND MODIFIED FLOW FILES INCORPORATED INTO ONE-DIMENSIONAL ENERGY BUDGET MODEL

- PRELIMINARY RESULTS – APPENDIX B

STRATIFIED RESERVOIR MODEL

- MODEL DEVELOPMENT STATUS

APPENDIX A

PRELIMINARY SIMULATION

RESULTS

USING

FULL METEOROLOGY MODEL

APPENDIX B

PRELIMINARY SIMULATION

COMPARING

RIVER WITH DAMS IN PLACE

TO

RIVER WITH DAMS REMOVED